

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=12; day=13; hr=8; min=8; sec=20; ms=842;]

=====

Application No: 10564020 Version No: 3.0

Input Set:

Output Set:

Started: 2008-12-02 12:49:46.520
Finished: 2008-12-02 12:49:48.125
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 605 ms
Total Warnings: 29
Total Errors: 0
No. of SeqIDs Defined: 29
Actual SeqID Count: 29

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2008-12-02 12:49:46.520
Finished: 2008-12-02 12:49:48.125
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 605 ms
Total Warnings: 29
Total Errors: 0
No. of SeqIDs Defined: 29
Actual SeqID Count: 29

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed
W 402	Undefined organism found in <213> in SEQ ID (24)
W 402	Undefined organism found in <213> in SEQ ID (25)

SEQUENCE LISTING

<110> Bozzoni, Irene
Denti, Michela Alessandra
Rosa, Alessandro
Universita degli Studi di Roma "La Sapienza"

<120> siRNA expression system

<130> 2312.001US1

<140> 10564020
<141> 2006-01-09

<150> PCT/IT04/000381
<151> 2004-07-09

<150> IT RM2003A000335
<151> 2003-07-09

<160> 29

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 11
<212> RNA
<213> Artificial Sequence

<220>
<223> A synthetic pre-siRNA 3' terminus

<400> 1
uuuaucuuuu g 11

<210> 2
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic linker oligonucleotide

<400> 2
gatctggtag cctcgaggct agcggatccg 30

<210> 3
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic linker oligonucleotide

<400> 3
ctagcggatc cgctagcctc gagggatcca 30

<210> 4
<211> 98
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic oligonucleotide

<400> 4
gatctcatac agggcaattg gcagatcaag cgtttgtgt a ggcgttgc tgccaaattgc 60
cctttatccc ctgactttct ggagttcaa aagttagac 98

<210> 5
<211> 98
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic oligonucleotide

<400> 5
tcgagtctac ttttgaact ccagaaagtgc aggggataaaa gggcaattgg cagatcaagc 60
gctacacaaa cgcttgatct gccaattgcc ctgtatga 98

<210> 6
<211> 98
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic oligonucleotide

<400> 6
gatctcatac agggcaattg gcagatcaag cgtttgtgt a ggcgttgc tgccaaattgc 60
cctttatccc ctgactttct ggagttcaa aagttagac 98

<210> 7
<211> 98
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic oligonucleotide

<400> 7
tcgagtctac ttttgaact ccagaaagtgc aggggataaaa gggcaattgg cagatcaagc 60
gctacacaaa cgcttgatct gccaattgcc ctgtatga 98

<210> 8
<211> 84
<212> DNA
<213> Artificial Sequence

<220>

<223> A synthetic oligonucleotide

<400> 8

gatctcgggc aattggcaga tcaagcgtt gtgttagcgct tcatctgcca attgccctta 60
ctttctggag tttcaaaagt agac 84

<210> 9

<211> 84

<212> DNA

<213> Artificial Sequence

<220>

<223> A synthetic oligonucleotide

<400> 9

tcgagtctac ttttcaaact ccagaaagta agggcaattt gcagatcaag cgctacacaa 60
acgcttgatc tgccaaattgc ccga 84

<210> 10

<211> 113

<212> DNA

<213> Artificial Sequence

<220>

<223> A synthetic oligonucleotide

<400> 10

gatctcgggc aattggcaga tcaagcgtt gacttcgcattt gaatgagttt attcatgaag 60
cgaaacgctt gatctgcca ttggcccttac tttctggagt ttcaaaagta gag 113

<210> 11

<211> 113

<212> DNA

<213> Artificial Sequence

<220>

<223> A synthetic oligonucleotide

<400> 11

ctagctctac ttttcaaact ccagaaagta agggcaattt gcagatcaag cgtttcgctt 60
catgaatgaa ctcattcatg cgaagtcaaa cgcttgcattt gccaattgcc cga 113

<210> 12

<211> 84

<212> DNA

<213> Artificial Sequence

<220>

<223> A synthetic oligonucleotide

<400> 12

gatctcgggc aattggcaga tcaagcgtt gtgttagcgct tcatctcgca attgccctta 60
ctttctggag tttcaaaagt agac 84

<210> 13

<211> 84

<212> DNA

<213> Artificial Sequence

<220>

<223> A synthetic oligonucleotide

<400> 13
ctgagtctac tttgaaact ccagaaaagta agggcaattg cgagatcaag cgctacacaa 60
acgcttgc acgcaattgc ccga 84

<210> 14

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> A synthetic probe

<400> 14
ggcaattggc agatcaagcg 20

<210> 15

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> A synthetic probe

<400> 15
ggcaattgca agatcaagcg 20

<210> 16

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> A synthetic probe

<400> 16
cgcttgcgttcccaattgcc 20

<210> 17

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> A synthetic box element

<400> 17
gtttcaaaag tagac 15

<210> 18

<211> 30

<212> DNA

<213> Artificial Sequence

<220>
<223> A synthetic terminator element

<400> 18
ccccctrctt ctggagtttc aaaagtagac

30

<210> 19
<211> 399
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic oligonucleotide

<400> 19
ggatccggta aggaccagct tctttggag agaacagacg caggggcggg agggaaaaag 60
ggagaggcag acgtcacttc cccttggcgg ctctggcgc agattggtcg gttgagtg 120
agaaaggcag acggggactg ggcaaggcac tgtcggtgac atcacggaca gggcgacttc 180
tatgttagatg aggcaagcgca gaggctgctg ctgcgcact tgctgcttca ccacgaagga 240
gttcccggtc cctgggagcg ggttcaggac cgctgatcgg aagtgagaat cccagctgtg 300
tgtcagggtc ggaaagggtc cgggagtgcg cggggcaagt gaccgtgtgt gtaaaagagt 360
aggcgtatga ggctgtgtcg gggcagagggc ccaagatct 399

<210> 20
<211> 108
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic oligonucleotide

<400> 20
gatctcatac agggcaatttgc gcaatcaag cgttgtgaag ccacagatga acgcttgc 60
tgcccaatttgc ctttatccc ctgactttct ggagttcaa aagttagac 108

<210> 21
<211> 108
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic oligonucleotide

<400> 21
tcgagtctac ttttggaaact ccagaaaatgc aggggataaa gggcaattgg cagatcaagc 60
gttcatctgt ggcttcacaa cgcttgc 108

<210> 22
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic oligonucleotide

<400> 22
gatctcgggc aattggcaga tcaagcgttt gtgttagcgct tggatctgcca attggccctta 60
ctttctggag tttcaaaaagt agac 84

<210> 23
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic oligonucleotide

<400> 23
tcgagtctac ttttggaaact ccagaaaagta agggcaatttgc gcaatcaag cgctacacaa 60
acgcttgcattgc ccga 84

<210> 24
<211> 36
<212> DNA
<213> yeast sp.

<400> 24
tgacttcgca tgaatgagtt cattcatgaa gcgaaa 36

<210> 25
<211> 36
<212> DNA
<213> yeast sp.

<400> 25
tttcgcttca tgaatgaact cattcatgcg aagtca 36

<210> 26
<211> 77
<212> RNA
<213> Artificial Sequence

<220>
<223> A synthetic snRNA sequence

<400> 26
auacagggca auuggcagau caagcguuguu gaagccacag augaacgcuu gaucugccaa 60
uugccuuua uccccug 77

<210> 27
<211> 67
<212> RNA
<213> Artificial Sequence

<220>
<223> A synthetic snRNA sequence

<400> 27
auacagggca auuggcagau caagcguuuug uguagcgcuu gaucugccaa uugccuuua 60
ccccug 67

<210> 28
<211> 53
<212> RNA
<213> Artificial Sequence

<220>
<223> A synthetic snRNA sequence

<400> 28
gggcaauugg cagaucaagc guuuguguag cgcuugaucu gccaaugcc cuu 53

<210> 29
<211> 82
<212> RNA
<213> Artificial Sequence

<220>
<223> A synthetic snRNA sequence

<400> 29
gggcaauugg cagaucaagc guuugacuuc gcaugaauga guucauucau gaagcgaaac 60
gcuugaucug ccaauugccc uu 82